

Shashi Budati

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Work Experience

Member Technical Staff @ Zoho Corporation (ManageEngine Division), Chennai

- Experienced in full stack development, release process management and providing technical support and managing content delegation with content team
- Experienced working in an agile environment

Directly-Responsible-Individual for integrating Threat-Intelligence into existing log product features like reports, alerts, etc

Log360Cloud

Feb 2019 - Current

- Threat Analytics - Integrated a third-party feeds service, by storing the feeds in DFS and re-distributing them to on-premises clients and internal micro-services using Zoho's OAuth Authentication. Feeds include IP Reputation, Geological information, and currently adding Threat insights and Contextual Threats.
- Service Deployment Manager - Experienced in deploying product builds onto App Servers in DC and manage configuration for Log360Cloud threat feeds domain

EventLog Analyzer, Log360 (On-premises)

Jan 2018 - Current

- Added support for STIX/TAXII server protocols within the product. TAXII servers can be added and managed via product UI. Feeds will be downloaded from the added servers and used for threat intelligence reports and alerts generation. Adding off-line agent distribution support, as our customers have network firewalls as part of compliance
- Did a performance benchmarking for inserting and searching millions of IP entries. Enhanced product to use MapDB's off-heap navigable data-structures to support real-time event-logs processing
- Maintainer, Deployment Manager of internal servers storing and updating bundled STIX/TAXII threat-intelligence feeds
- Code reviewer for geo-location module

Responsible for indexing audit data in SharePoint Manager Plus

SharePoint Manager Plus

Jun – Dec 2017

- Archive File Search - SharePoint (Document Management) audit data has grown beyond single embedded database node's limit and performance started degrading. So I added full-text search support using Lucene, and archived older data from database to indices providing Business intelligence reports from scalable archives without performance issues. Handled Lucene sharding, since there was no implicit support as with Solr or Elasticsearch

Education

Computer Science and Engineering @ JNTUH-CES

2013-2017

3D Modelling using Android

July - Dec 2016

- Developed an Android application providing small range (non-aerial) 3D mesh model in OpenGL, from camera feeds of mobiles in WiFi-P2P network, using Computer Vision and PhotoGrammetry techniques.

Quality-of-Experience Attribute Mining, using Natural Language Processing techniques

Jan - May 2017

- Developed a Python application providing a quantified score for online reviews, by crawling and processing them using Natural Language Tool Kit - NLTK for Python. The quantified scores could then be used for automation and better user experience.

Personal Projects

Navigable Stick for the blind

Dec 2015 - May 2016

- Designed a walking stick giving directional haptic feedback for guiding navigation. Developed an Android application using Google Maps API, which can take voice commands to start navigation. The stick's MicroProcessor transmits Gyroscopic sensor information to the application to coordinate directions.
- Presented the application at JHub Excite Workshop 2016

Knowledge Areas

- Languages - Java (7 years), JavaScript (3 years), C# (6 months), Python
- Data structures
- Language Recognition - [Antlr](#)
- Platforms - Android, NodeJS, OpenGL, OpenCV
- Single Page Web Applications, Front-end MVVM frameworks - [Ember](#), [Vue.js](#)
- Data Models and their Object Mappings
 - RDMBS - Worked with PostgreSQL, MySQL, MSSQL, and with JPA using Hibernate
 - Full-text - [Lucene](#), [ElasticSearch](#)
 - Navigable Maps using [MapDB](#)
 - Serialization using [Kryo](#)
- Cyber Threat Intelligence - [STIX/TAXII](#)
- Concurrent/Distributed systems, Hadoop DFS